

biotin-[methylcrotonoyl-CoA-carboxylase] ligase

Cat. No. EXWM-5780

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of ligases, specifically those forming generic carbon-nitrogen bonds. This enzyme participates in biotin metabolism.

Synonyms

biotin-[methylcrotonoyl-CoA-carboxylase] synthetase; biotin- β -methylcrotonyl coenzyme A carboxylase synthetase; β -methylcrotonyl coenzyme A holocarboxylase synthetase; holocarboxylase-synthetase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 6.3.4.11

CAS No.

37318-68-6

Reaction

ATP + biotin + apo-[3-methylcrotonoyl-CoA:carbon-dioxide ligase (ADP-forming)] = AMP + diphosphate + [3-methylcrotonoyl-CoA:carbon-dioxide ligase (ADP-forming)]

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.